



IFW

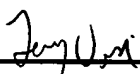
PTO/SB/21 (04-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/788,491
	Filing Date	March 1, 2004
	First Named Inventor	MOORE, Brian
	Art Unit	2858
	Examiner Name	N/A
Total Number of Pages in This Submission	Attorney Docket Number	11157-73

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> Return Receipt Postcard Letter to Commissioner of Patents Copies of Foreign Patent & Non Patent Literature Documents
<div>Remarks</div>		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Bereskin & Parr	
Signature	 Tony R. Orsi, Reg. No. 55,831	
Date	August 17, 2004	

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name			
Signature		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

August 17, 2004



Tony R. Orsi
B.A.Sc., M.A.Sc. (Elec. Eng.)
416 957 1603 torsi@bereskinparr.com

Your Reference: 10/788,491
Our Reference: 11157-73

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA
22313-1450

Dear Sir:

**Re: Information Disclosure Statement
U.S. Patent Application No. 10/788,491
For: WIRELESS RADIO FREQUENCY TECHNIQUE DESIGN AND METHOD
FOR TESTING
Filed: March 1, 2003
Inventor: MOORE, Brian**

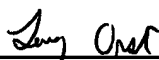
In accordance with 37 C.F.R. 1.97 (b)(3) and 1.98, and in recognition of the duty of disclosure set forth in 37 C.F.R. 1.56, the applicant hereby submits an Information Disclosure Statement including (1) a listing, on PTO Form SB/08A, of all patents and other publications of which the applicant is aware that may be considered material to the patentability of its claimed invention, and (2) a copy of each foreign patent and non patent literature documents. All of the listed documents are in English except WO 99/17353, for which an English language translation is provided.

The filing of this statement shall not be construed as an admission that the information cited in the attached statement is, or is considered to be, material to patentability (37 CFR 1.97(h)), nor as an admission that it constitutes prior art.

Please have these documents recorded against the above-mentioned application.

Respectfully submitted,

By:



Tony R. Orsi
Registration No. 55,831

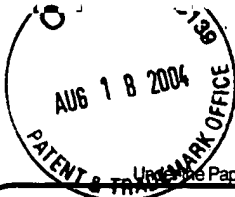
/cec
Encl.

Please send all correspondence to the Toronto office:

Scotia Plaza, 40 King St. West, 40th Floor,
Toronto, Ontario, Canada M5H 3Y2
Tel: 416.364.7311 Fax: 416.361.1398

2000 Argentia Rd., Plaza 4, Ste. 430,
Mississauga, Ontario, Canada L5N 1W1
Tel: 905.812.3600 Fax: 905.814.0031

Waterloo Technology Campus, 408 Albert St., Ste. 2,
Waterloo, Ontario, Canada N2L 3V3
Tel: 519.783.3210 Fax: 519.783.3211



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 5

Complete if Known

Application Number	10/788,491
Filing Date	March 1, 2004
First Named Inventor	MOORE, Brian
Art Unit	2858
Examiner Name	N/A
Attorney Docket Number	11157-73

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-3,689,885	09-05-1972	Kaplan et al.	
		US- 4,002,974	01-11-1977	Thomas	
		US- 4,105,950	08-08-1978	Dingwall	
		US- 4,392,105	07-05-1983	McLeod	
		US- 4,517,532	05-14-1985	Neidorff	
		US- 4,587,480	05-06-1986	Zasio	
		US- 4,985,681	01-15-1991	Brunner et al.	
		US- 5,030,908	07-09-1991	Miyoshi et al.	
		US- 5,039,602	08-13-1991	Merrill et al.	
		US- 5,059,899	10-22-1991	Farnworth et al.	
		US- 5,068,521	11-26-1991	Yamaguchi	
		US- 5,095,267	03-10-1992	Merrill et al.	
		US- 5,113,184	05-12-1992	Katayama	
		US- 5,149,662	09-22-1992	Eichelberger	
		US- 5,192,913	03-09-1993	Goruganthu et al.	
		US- 5,204,559	04-20-1993	Deyhimy et al.	
		US- 5,248,936	09-28-1993	Nakata et al.	
		US- 5,252,914	10-12-1993	Bobbitt et al.	
		US- 5,266,890	11-30-1993	Kumbasar et al.	
		US- 5,279,975	01-18-1994	Devereaux et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		EP 0 098 399 B1	06-04-1986	International Business Machines Corporation		
		EP 0 651 505 A1	05-03-1995	International Business Machines Corporation		
		EP 0 702 238 A1	03-20-1996	SGS-Thomson Microelectronics Ltd.		
		EP 0 911 640 A2	04-28-1999	NEC Corporation		

Examiner Signature	Date Considered
-----------------------	--------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 5

Complete if Known

Application Number	10/788,491
Filing Date	March 1, 2004
First Named Inventor	MOORE, Brian
Art Unit	2858
Examiner Name	N/A
Attorney Docket Number	11157-73

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 5,315,241	05-24-1994	Ewers	
		US- 5,365,204	11-15-1994	Angiulli et al.	
		US- 5,446,395	08-29-1995	Goto	
		US- 5,457,400	10-10-1995	Ahmad et al.	
		US- 5,619,463	04-08-1997	Malhi	
		US- 5,625,288	04-29-1997	Snyder et al.	
		US- 5,714,888	02-03-1998	Naujoks	
		US- 5,790,479	08-04-1998	Conn	
		US- 5,811,983	09-22-1998	Lundberg	
		US- 5,818,250	10-06-1998	Yeung et al.	
		US- 5,867,033	02-02-1999	Sporck et al.	
		US- 5,892,368	04-06-1999	Nakata et al.	
		US- 5,905,383	05-18-1999	Frisch	
		US- 5,923,676	07-13-1999	Sunter et al.	
		US- 5,952,840	09-14-1999	Farnworth et al.	
		US- 5,963,043	10-05-1999	Nassif	
		US- 5,983,363	11-09-1999	Tuttle et al.	
		US- 5,994,915	11-30-1999	Farnworth et al.	
		US- 5,995,428	11-30-1999	Chien et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		WO 97/15838	05-01-1997	Opmax Inc.		
		WO 99/16107	04-01-1999	Frequency Technology, Inc.		
		WO 99/17353	04-08-1999	Siemens Aktiengesellschaft		✓
		WO 99/32893	07-01-1999	Conexant Systems, Inc.		
		WO 99/65287	12-23-1999	Orbotech Ltd.		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A/PTO

(Use as many sheets as necessary)

Sheet

3

of

5

Complete if Known

Application Number

10/788,491

Filing Date

March 1, 2004

First Named Inventor

MOORE, Brian

Art Unit

2858

Examiner Name

N/A

Attorney Docket Number

11157-73

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 5,999,009	12-07-1999	Mitsui	
		US- 6,005,407	12-21-1999	Arabi et al.	
		US- 6,005,829	12-21-1999	Conn	
		US- 6,057,699	05-02-2000	Yin et al.	
		US- 6,058,497	05-02-2000	Tuttle	
		US- 6,069,849	05-30-2000	Kingsley et al.	
		US- 6,075,417	06-13-2000	Cheek et al.	
		US- 6,087,842	07-11-2000	Parker et al.	
		US- 6,097,203	08-01-2000	Parker et al.	
		US- 6,119,255	09-12-2000	Akram	
		US- 6,133,582	10-17-2000	Osann, Jr. et al.	
		US- 6,134,191	10-17-2000	Alfke	
		US- 6,161,205	12-12-2000	Tuttle	
		US- 6,166,607	12-26-2000	Schoellkopf	
		US- 6,169,694 B1	01-02-2001	Nam et al.	
		US- 6,184,696 B1	02-06-2001	White et al.	
		US- 6,189,120 B1	02-13-2001	Akram	
		US- 6,219,305 B1	04-17-2001	Patrie et al.	
		US- 6,223,314 B1	04-24-2001	Arabi et al.	
		US- 6,236,223 B1	05-22-2001	Brady et al.	

[illegible]

Examiner
Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A/PTO

(Use as many sheets as necessary)

Complete if Known

Application Number	10/788,491
--------------------	------------

<i>Filing Date</i>	March 1, 2004
--------------------	---------------

First Named Inventor	MOORE, Brian
----------------------	--------------

Art Unit	2858
----------	------

Examiner Name	N/A
----------------------	-----

Attorney Docket Number	11157-73
-------------------------------	-----------------

Sheet	4	of	5
-------	---	----	---

[illegible][illegible]

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 5 of 5

Complete if Known

Application Number	10/788,491
Filing Date	March 1, 2004
First Named Inventor	MOORE, Brian
Art Unit	2858
Examiner Name	N/A
Attorney Docket Number	11157-73

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ARABI, K. et al. "Digital Oscillation-Test Method for Delay and Stuck-at-Fault Testing of Digital Circuits", International Test Conference, 1998, pp. 91-100	
		FERNALD, Kenneth W. et al, "A Self-Tuning Digital Telemetry IC for Use in a Microprocessor-Based Implantable Instrument - IEEE Journal of Solid-State Circuits - Vol. 27, No 12 (Dec. 1992) - Pages 1826-1832	
		KANG, Sung-Mo (Steve) & Yusuf Leblebici, CMOS Digital Integrated Circuits - 1999 - pages 220-242, Chaps 6, 9, 11, 15	
		SCHRODER, Dieter K., Semiconductor Material and Device Characterization - 1990 - pages 1-40	
		STEVENS, Anthony K. Introduction to Component Testing - 1986 - pages 3-14 & pages 91-119	
		ZORIAN, Yervant, "Testing the Monster Chip" - IEEE Spectrum, (July 1999) - Pages 54-60	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.